

Material Safety Data Sheet

Data may be used to comply with OSHA's Hazard Communication Standard. 29 CFR 1910.1200. Standard must be consulted for specific requirements.

N/A = Not applicable. N/D = No data

Identity:

(As used on label and list)

BPI Fluorescent Neon Frame Dyes™; BPI Fluorescent Flash Frame Dyes™

Section I	Manufacturer's Name: Brain Power Incorporated (BPI)	Emergency Telephone Number: 305-264-4465				
	Address: 4470 SW 74th Avenue Miami, Florida 33155. USA.	Telephone Number for Information: 305-264-4465				
		Date Prepared: 1 May 2008				
Section II	Hazardous Components Specific Chemical Identity; Common Name (s)		OSHA PEL	ACGIH TLV	Other Limits	% Optional
	Proprietary SD Alcohol All fluorescent dyes are trade secret. All other ingredients not listed are proprietary and are not known to be hazardous.		1000 ppm	1000 ppm		
Section III	Boiling Point: No data		Specific Gravity: (H ₂ O=1) No data		pH:	
	Vapor Pressure: (mm Hg.) No data		Melting Point: No data			
	Vapor Density: (AIR=1) No data		Evaporation Rate: (Butyl Acetate =1) No data			
	Solubility in Water: Miscible		Appearance & Odor: Colored liquid. Slight odor.			
Section IV	Flash Point: (Method Used) < 73° F		Flammable Limits: For SD Alcohol		LEL: 3.2% @ 38° C. UEL: 25.7% @ 66° C.	
	Extinguishing Media: Water fog. Dry chemical, carbon dioxide, foam.					
	Special Fire Fighting Procedures: Wear self-contained breathing apparatus with protective face plate and clothing to avoid personal contact.				NFPA CODES	F: 4
	Unusual Fire and Explosion Hazards: Avoid spark or open flame as a precautionary measure. DO NOT USE HOT PLATE. Flammable liquid.					H: 2
					R: 1	
					S: N/D	

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Section V Reactivity Data	Stability:	Unstable: <input type="checkbox"/>	Conditions to avoid: Stable on storage under normal conditions.
		Stable: <input checked="" type="checkbox"/>	
	Incompatibility: (Materials to avoid) Avoid oxidizing and reducing agents, strong acids and strong bases.		
Hazardous Decomposition or Byproducts May decompose to evolve oxides of carbon, nitrogen and/or sulfur.			
Section VI Health Hazard Data	Hazardous Polymerization:	May occur: <input type="checkbox"/>	Conditions to avoid: None known
		Will not occur: <input checked="" type="checkbox"/>	
	Route(s) Of Entry: Inhalation? Yes Skin? Yes Ingestion? Yes		
Health Hazards: (Acute & Chronic) May be harmful by inhalation and skin absorption. May cause eye and skin irritation. May be toxic by ingestion. LD 50 SD Alcohol 6.2g/kg (rat), LD 50 Dyes 630 mg/kg (rat) is typical.			
Carcinogenicity: NTP? Not listed IARC Monographs? Not listed OSHA Regulated? Not listed			
Not regulated as a carcinogen. One trade secret component is very similar in structure to Basic Violet 10 which has been found to cause cancer in animal. No data is known specific to this component.			
Signs & Symptoms of Exposure: Overexposure may cause redness and irritation of the skin. Ingestion may lead to gastric disturbance, nausea or dizziness.			
Medical Conditions Generally Aggravated By Exposure: May exacerbate existing skin, eye or liver conditions on overexposure.			
Emergency & First Aid Procedures: Inhalation: Remove to fresh air immediately. Ingestion: Seek immediate medical assistance. Eye or skin contact: Flush exposed area well with water for at least 15 minutes. If irritation persists seek medical advice.			
Section VII Precautions For Safe Handling And Use	Steps To Be Taken In Case Material Is Released Or Spilled: Remove all ignition sources. Avoid eye or skin contact. DO NOT SWALLOW. Wear impervious gloves and splash proof chemical goggles. Soak up spill with an inert absorbent material. Place in a closed container for proper disposal. For major spills wear an NIOSH-approved respirator.		
	Waste Disposal Method: Dispose of waste in accordance with all local, state and federal regulations.		
	Precautions To Be Taken In Handling & Storage: Use only with appropriate equipment. Avoid open flame, sparrk, or hot plate. Avoid personal contact. DO NOT SWALLOW. Keep container closed when not in use. Work in well ventilated area. Wash well after use. Eye washes and safely showers are strongly recommended.		
Section VIII Control Measures	Respiratory Protection: (Specify Type) See appropriate information under spills.		
	Ventilation:	Local Exhaust: Recommended	Special: Comply with state and local regulations
		Mechanical: (General) Acceptable	Other: Avoid ignition sources.
	Protective Gloves: Strongly recommended		
	Eye Protection: Strongly recommended		
Other Protective Clothing Or Equipment: Protective lab coat recommended			
Work/Hygenic Practices: Avoid all personal contact. Wear appropriate safely equipment. Wash well after use.			